

SEARCH REQUEST FORM

Scientific and Technical Information Center

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Requester's Full Name: SHANNI FOLEY Examiner #: 77851 Date: 2/26/01
 Art Unit: 1648 Phone Number 308-3983 Serial Number: 291-2
 Mail Box and Bldg/Room Location: 8E12/8309 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Medicament for preventing or treating papilloma virus-specific tumor

Inventors (please provide full names): Alexander BURGER;
Michael HALLEK

Earliest Priority Filing Date: 9/22/00

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please include an inventor name search.
 Also search for a vaccine to treat papillomavirus with a fusion protein from U₁ and U₂ and any E protein. The form of a capsid.
 The medicament has no adjuvant, but has an addition of 0.3M-4M salt, pH 7.3-7.45. The salt is
 The L1 protein is C-terminally deleted (55 amino acids)
 & the E protein is C-terminally deleted.

Thank you.

Point of Contact:
 Mona Smith
 Technical Info. Specialist
 CM1 12C14 Tel: 308-3278

STAFF USE ONLY

Searcher: 1
 Searcher Phone #: _____
 Searcher Location: _____
 Date Searcher Picked Up: _____
 Date Completed: 3/12/01
 Searcher Prep & Review Time: 60
 Clerical Prep Time: _____
 Online Time: 60

Type of Search

NA Sequence (#) _____
 AA Sequence (#) _____
 Structure (#) _____
 Bibliographic _____
 Litigation _____
 Fulltext _____
 Patent Family _____
 Other _____

Vendors and cost where applicable

STN _____
 Dialog _____
 Questel/Orbit _____
 Dr.Link _____
 Lexis/Nexis _____
 Sequence Systems _____
 WWW/Internet _____
 Other (specify) _____

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File View Edit Tools Window Help

Search List Browse Queue Clear

DBs EPO:JPO:DERWE Plurals Synonyms

Default operator: OR Highlight all hit terms initially

L119 and L111

L16: (0) Burger adj Alexander.in.
L19: (15288) Alexander Burger.in.
L10: (1705) Burger.in.
L22: (340) papillomavirus
L25: (0) L2q0 and L22
L28: (1) L10 and L22
L31: (1) papillomavir?
L35: (1015) papillomavirus
L39: (716) late with (peptide? polypeptide? or protein?)
L43: (6591) (late or "L") with (peptide? polypeptide? or p
L47: (0) L43 and L22
L51: (216) L43 and L35
L55: (552) capsid? or capsomere?
L59: (110) L43 and L55
L63: (23) L59 and L51
L67: (11461) (early or "e") with (peptide? or polypeptide?
L71: (20) L63 and L67
L75: (57790) fusion
L79: (14) L71 and L75
L83: (29) L43 with L67 with L75
L87: (0) L83 same L55
L91: (8) L83 with papillomavirus
L95: (42) fusion with papillomavirus
L99: (9) L59 and L95
L103: (9) (late and early) with protein? with papillomavir
L107: (0) L103 and L75
L111: (355) papillomavirus
L115: (90060) fusion protein?
L119: (1437) fusion with protein?
L123: (7) L119 and L111

BRS form IS&R form Image Text

Hits Details

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☒ L95: (42) fusion with pap
☒ L99: (9) L59 and L95
☒ L103: (9) (late and early
☒ L107: (0) L103 and L75
☒ L111: (355) papillomavirus
☒ L115: (90060) fusion prot
☒ L119: (1437) fusion with
☒ L123: (7) L119 and L111

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DBs: EPO: JPO: DERWENT
Plurals
Synonyms

Default operator: OR
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L119 and L111

BRS form
IS&R form
Image
Text

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	WO 9804706 A1	19980205	47	TITLE DATA NOT AVAILABLE		
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	WO 9626277 A1	19960829	45	POLYPEPTIDES USEFUL AS IMMUNOTHERAPEUTIC AGENTS AND		
3	<input type="checkbox"/>	<input type="checkbox"/>	WO 200009157 A1	20000724	1	New protein delivery system useful for treatment and		
4	<input type="checkbox"/>	<input type="checkbox"/>	CA 2229955 A1	20000207	1	Fusion proteins comprising papillomavirus specific		
5	<input type="checkbox"/>	<input type="checkbox"/>	WO 9907860 A1	20010115	1	Inducing an immune response to human papillomavirus		
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5804604 A	19980908	84	HIV tat-derived transport fusion proteins - used to		
7	<input type="checkbox"/>	<input type="checkbox"/>	EP 656950 B1	20000703	1	Transport of cargo moieties into cells - using genetic		

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☒ L71: (20) L63 and L67
☒ L75: (57790) fusion
☒ L79: (14) L71 and L75
☒ L83: (29) L43 with L67 with
☒ L87: (0) L83 same L55
☒ L91: (8) L83 with papilloma
☒ L95: (42) fusion with pap
☒ L99: (9) L59 and L95

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DBs: USPAT; US-PGPUB; IBM TDB

Default operator: OR

☐ Plurals ☐ Synonyms
☒ Highlight all hit terms initially

L59 and L95

BRS form IS&R form Image Text

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
1	<input type="checkbox"/>	<input type="checkbox"/>	US 5993821 A	19991130	29	Modified papilloma virus L2 protein and VLPs formed	424/204.1	424/199.1 ; 435/235.1
2	<input type="checkbox"/>	<input type="checkbox"/>	US 5985610 A	19991116	21	Self-assembling recombinant papillomavirus capsid	435/69.3	435/320.1 ; 435/325
3	<input type="checkbox"/>	<input type="checkbox"/>	US 5874089 A	19990223	31	Protecting against canine oral papillomavirus (copy)	424/204.1	424/184.1 ; 424/186.1
4	<input type="checkbox"/>	<input type="checkbox"/>	US 5871998 A	19990216	20	Self-assembling recombinant papillomavirus capsid	435/235.1	424/186.1 ; 424/204.1
5	<input type="checkbox"/>	<input type="checkbox"/>	US 5756284 A	19980526	20	Self-assembling recombinant papillomavirus capsid	435/5	424/130.1 ; 424/186.1
6	<input type="checkbox"/>	<input type="checkbox"/>	US 5744142 A	19980428	20	Self-assembling recombinant papillomavirus capsid	424/204.1	424/186.1 ; 435/252.3
7	<input type="checkbox"/>	<input type="checkbox"/>	US 5716620 A	19980210	21	Self-assembling recombinant papillomavirus capsid	424/186.1	424/204.1 ; 424/277.1
8	<input type="checkbox"/>	<input type="checkbox"/>	US 5709996 A	19980120	21	Self-assembling recombinant papillomavirus capsid	435/5	435/975 ; 530/387.9
9	<input type="checkbox"/>	<input type="checkbox"/>	US 5437951 A	19950801	21	Self-assembling recombinant papillomavirus capsid	435/69.1	435/252.3 ; 435/320.1

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USPAT; US-PGPUB; IBM TDB

Plurals

Synonyms

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OR

L83 with papillomavirus

BRS form

IS&R form

Image

Text

	U	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
1	<input type="checkbox"/>	US 5985610 A	19991116	21	Self-assembling recombinant papillomavirus capsid	435/69.3	435/320.1 ; 435/325
2	<input type="checkbox"/>	US 5871998 A	19990216	20	Self-assembling recombinant papillomavirus capsid	435/235.1	424/186.1 ; 424/204.1
3	<input type="checkbox"/>	US 5756284 A	19980526	20	Self-assembling recombinant papillomavirus capsid	435/5	424/130.1 ; 424/186.1
4	<input type="checkbox"/>	US 5744142 A	19980428	20	Self-assembling recombinant papillomavirus capsid	424/204.1	424/186.1 ; 435/252.3
5	<input type="checkbox"/>	US 5716620 A	19980210	21	Self-assembling recombinant papillomavirus capsid	424/186.1	424/204.1 ; 424/277.1
6	<input type="checkbox"/>	US 5709996 A	19980120	21	Self-assembling recombinant papillomavirus capsid	435/5	435/975 ; 530/387.9
7	<input type="checkbox"/>	US 5665533 A	19970909	3	Skin test to human papillomavirus type 16	435/5	435/235.1 ; 436/63
8	<input type="checkbox"/>	US 5437951 A	19950801	21	Self-assembling recombinant papillomavirus capsid	435/69.1	435/252.3 ; 435/320.1

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